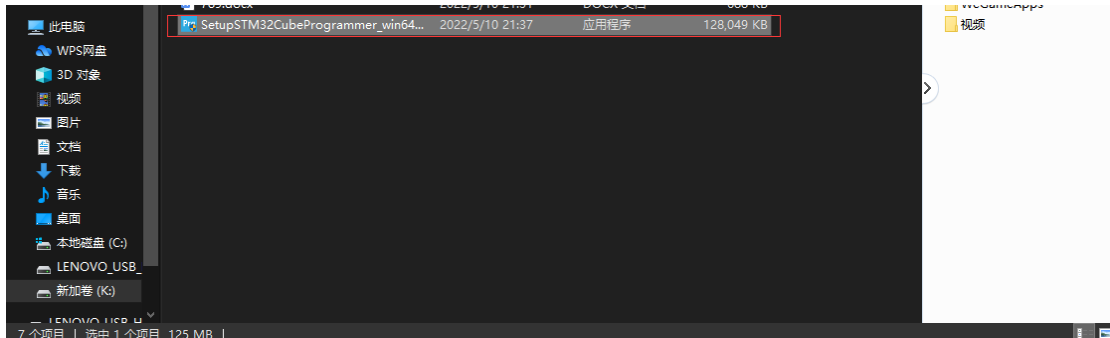
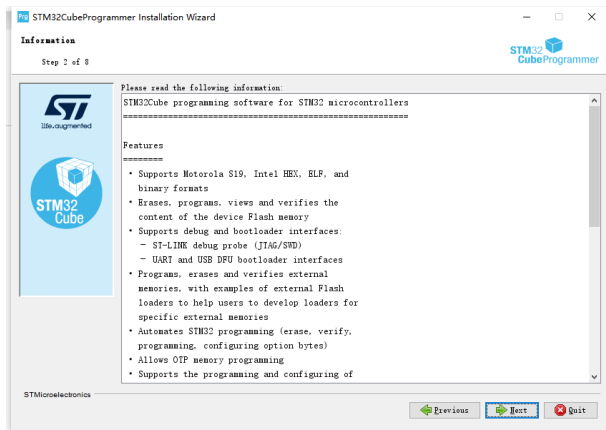
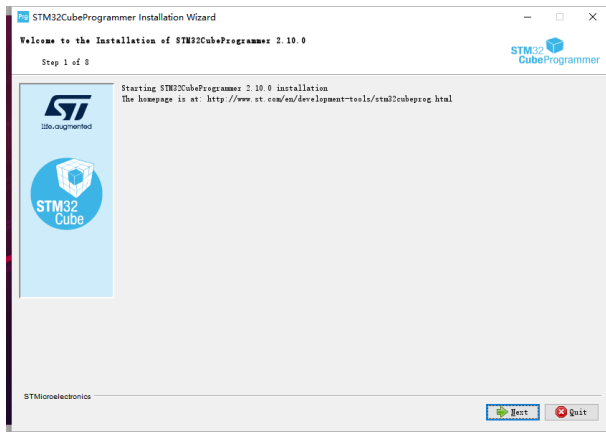


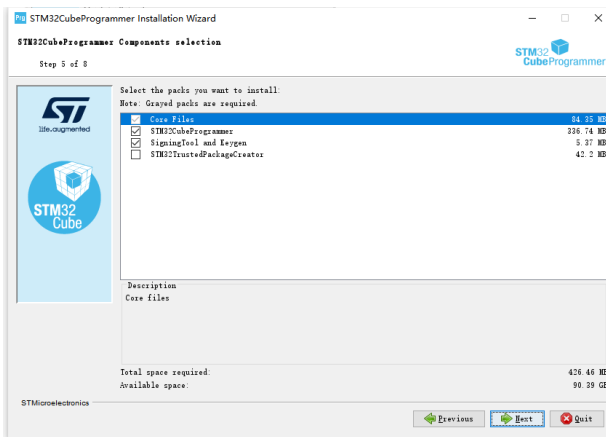
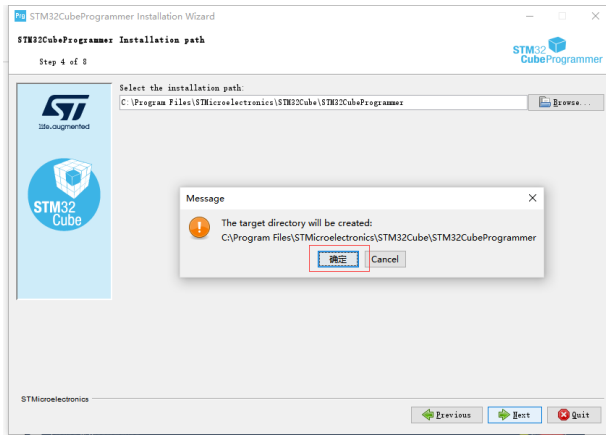
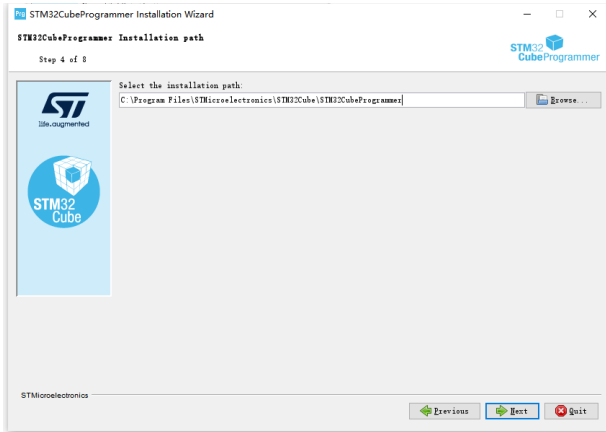
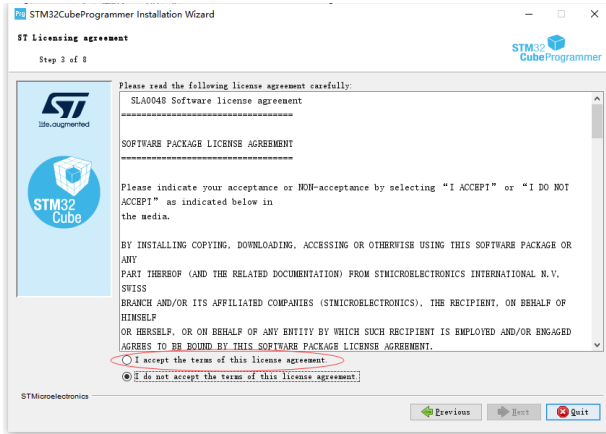
750 D 烧录软件安装和使用

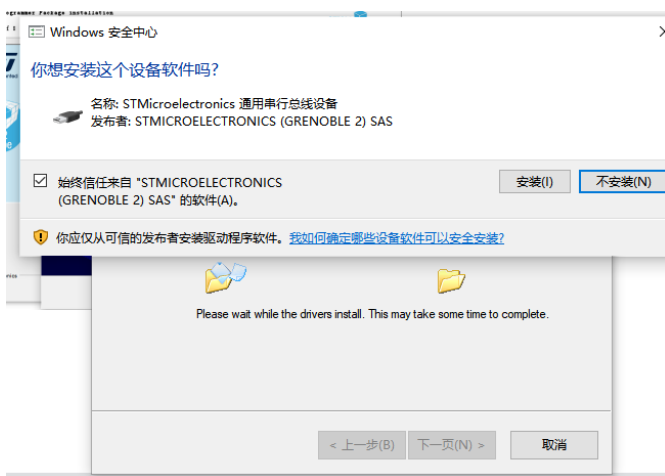
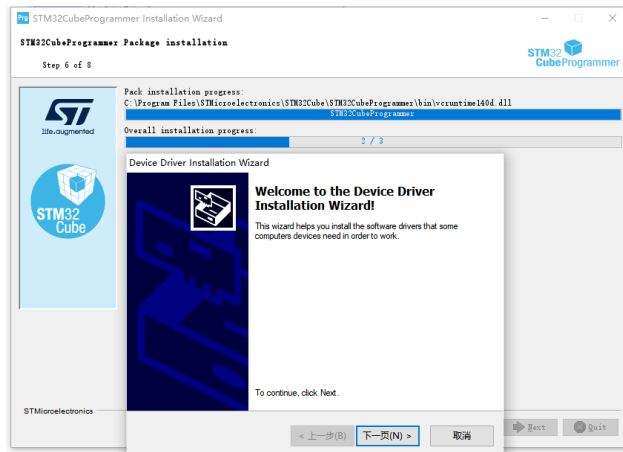
软件程序

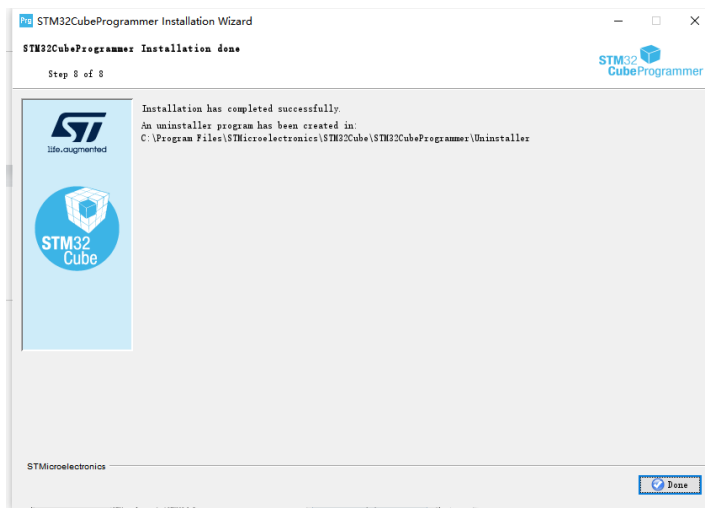
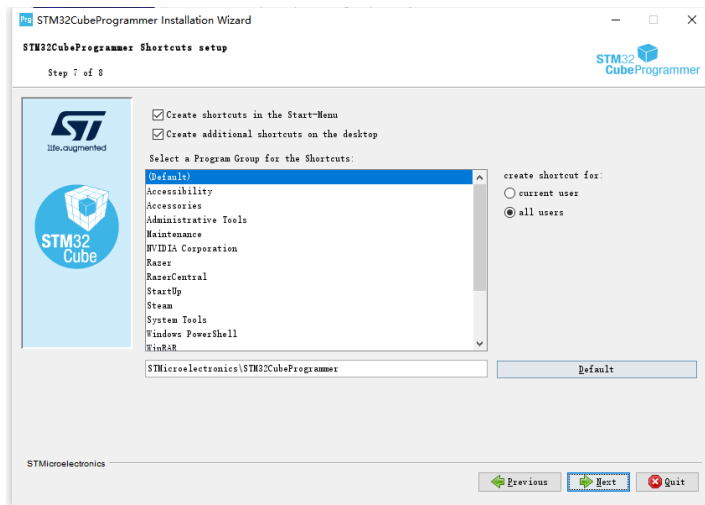
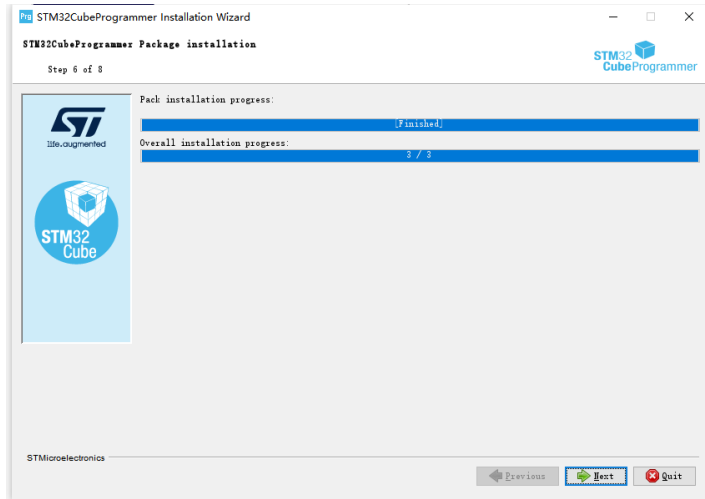


安装包打开 进行软件安装









此程序会帮你安装 STM 驱动，
安装的时候一直选择 NEXT
软件就安装完成了



程序分为内部程序和外部程序

内部 0x08000000 地址 内部 flash 程序是通用的（新的 750 需要烧录 2 个程序）
外部 0x90000000 地址 贺老师提供的控制程序

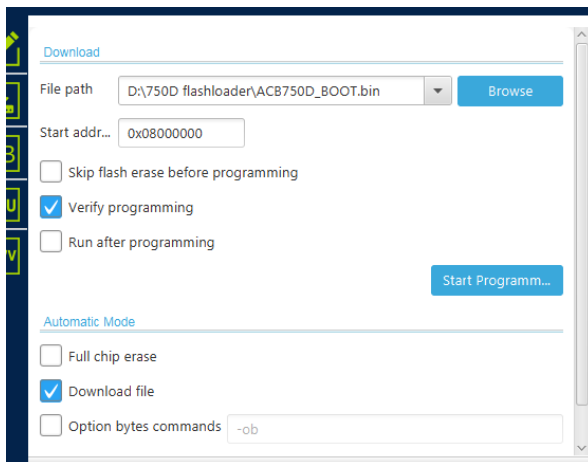
内部程序烧录步骤

首先烧录 flash 内部程序：

控制板卡正常通电，flash 烧录器正常连接到控制板卡上，点击 Connect



正常连接，连接成功后点击下载



在这个界面点击 Browse 找到 ACB750

BOOT.bin 内部程序，地址为改成 0x08000000，依照图片勾选相应的校验，并点

击 Start

Start Programm...

开始烧录；

内部程序烧录成功后使用 rs232 线正常连接板卡，读取 UID 并给到贺老师，同时将这台设备的参数给到贺老师，要取外部程序；

外部程序烧录步骤：

750 程序 英文目录下才可以识别

此路径都是默认路径，仅供参考

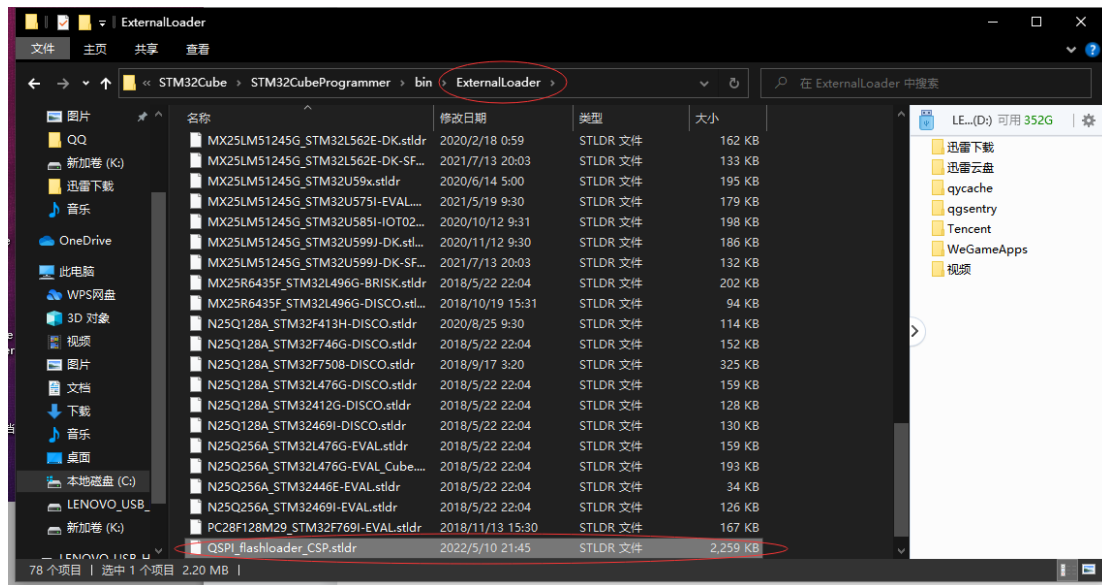
STM23 路径

C:\Program Files\STMicroelectronics\STM32Cube\STM32CubeProgrammer

需要将脚本文件存放在此目录下

存放脚本文件路径

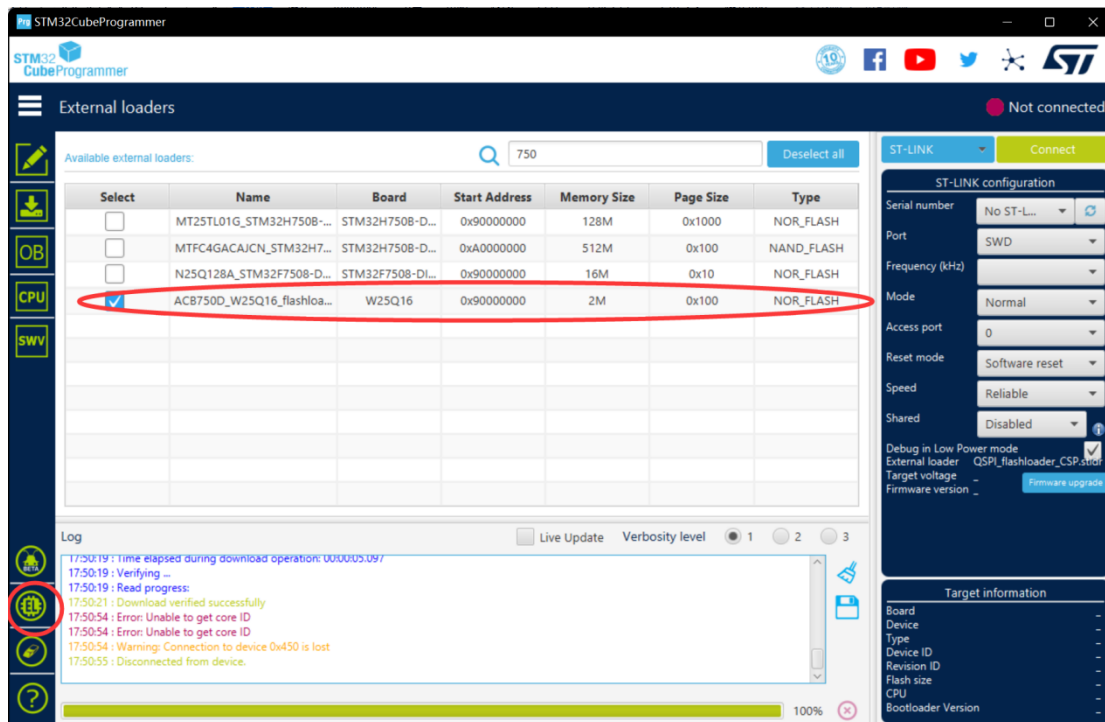
C:\Program Files\STMicroelectronics\STM32Cube\STM32CubeProgrammer\bin\ExternalLoader



打开软件选择 EL



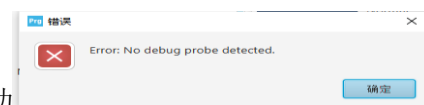
在里面将脚本文件勾选上



选择这个



1. 选择橙色框（选择 750 文件目录）注意 文件存放地址一定要是英文目录不然会卡死报错（可依照内部操作步骤来操作）；
2. 选择粉色框 Start addr... 里面选择地址，采用外部地址 0x90000000（注意 一定要填写正确）；
3. 选择蓝色框 勾选这个选项（验证编程）



4. 选择红色框 Connect 按钮 验证连接是否成功
此状态是未能连接状态
5. 选择绿色框 Start Programm 烧录程序开始按钮
6. 等待程序烧录完成

STM32CubeProgrammer

Erasing & Programming

file path: C:\Users\11231\Desktop\xxxx\ACB750.bin Browse

write boot... 0x90000000

Skip flash erase before programming

Verify programming

Run after programming

Start Programm...

Automatic Mode

Full chip erase

Download file

Option bytes commands: -ob Start automatic mode

Erase flash memory | Erase external memory

Erase selected sectors | Full chip erase

| Se... | Index | Start Address | Size |
|--------------------------|-------|---------------|------|
| <input type="checkbox"/> | 0 | 0x08000000 | 128K |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Log

17:50:14 : Erasing memory corresponding to segment u
17:50:15 : Erasing external memory sectors [0 51]
17:50:16 : Download in Progress
17:50:19 : File download complete
17:50:19 : Time elapsed during download operation: 00:00:05.097
17:50:19 : Verifying ...
17:50:19 : Read progress:
17:50:21 : Download verified successfully

100%

Connected Disconnect

ST-LINK configuration

Serial number: 201803...
Port: SWD
Frequency (kHz): 4000
Mode: Normal
Access port: 0
Reset mode: software reset
Speed: full speed
Shared: Disabled
Debug in Low Power mode:
External loader: QSPI_flashloader_CSP.stl
Target voltage: 3.16 V
Firmware version: V2.2957

Target information

Board: --
Device: STM32H7xx
Type: MCU
Device ID: 0x450
Revision ID: Rev V
Flash size: 128 KB
CPU: Cortex-M7
Bootloader Version: 0x90